

# Amateur TRW Club WB6WPO

# cross talk

A MONTHLY NEWS BULLETIN OF TRW AMATEUR RADIO CLUB

Sponsored by Systems Employee Association

AUGUST 1971, VOL. IV, NO. 7

JOIN THE TRW/ARC INFORMAL NET  
SATURDAYS AT 1000 PDT, 7280 KHz

President	WA6JHD - Ed Thornley	R6/2188	52621
Vice President	K6PSE - Paul Weisz	76/8508	51052
Secretary	WB6WDS - Doug Heydon	M3/2087	50454
Treasurer	WB6GBC - Frank Halligan	S/365	50345
Activity Manager	K6AWO - Bill Dews	M2/1141	64571
Trustee	W6MYC - Carl Rothrock	S/389	50345
Cross Talk Editor (Acting)	WB6WDS - Doug Heydon	M3/2087	50454
SEA Council Representative	WB6GBC - Frank Halligan	S/365	50345
QSL Card Manager	W6YCZ - Mac McGrew	S/365	66633
Emergency Coordinator	W6KQI - Al Lee	01/2151	64235
Field Day Manager	WA6AZW - Doug Freeman	M4/2243	53126
Publicity Chairman	K6PSE - Paul Weisz	76/8020	51052
Membership Chairman	WA6GVO - Jerry Dean	R3/1072	62571

## AUGUST MEETING

RAY MEYERS, W6MLZ, GUEST SPEAKER

EDITOR OF "HAM ON THE AIR",

SATURDAY EDITION OF L.A. HERALD EXAMINER

R2/1055

25 AUGUST 1971

1200

## THE PREZ SEZ

By Ed Thornley, WA6JHD

Last month our featured speaker was our own Frank Halligan, WB6GBC, who gave us a very interesting talk on electronic keyers. Frank put a lot of work into preparing his subject and really put it over. Shows what kind of talent we have within our own organization! I'm sure Vice President/Program Chairman Paul Weisz, K6PSE would be glad to schedule any other member who'd like to make a presentation at one of our future meetings.

Speaking of good programs, Paul has another good one for us this month. Ray Meyers, W6MLZ, will be our speaker at our regular meeting 25 August 1971 during the noon hour in R2/1055. Ray, who writes "Ham On The Air" in the Saturday Edition of the

THE PREZ SEZ (Continued)

"Los Angeles Herald Examiner", has had an interesting career in radio communications and will present a program of interest to all. Lets have a good turn-out for this one!

SECRETARY'S REPORT

By Doug Heydon, WB6WDS

Minutes of the 11 August 1971 Meeting of the TRW/ARC Executive Board.

The monthly meeting of the TRW Systems Amateur Radio Club Executive Board was called to order at 1210 on Wednesday, 11 August 1971 in S/1480 at Space Park. Those present included Ed Thornely, Al Lee, Paul Weisz, Doug Freeman, Carl Rothrock, Frank Halligan, and Doug Heydon.

OLD BUSINESS:

ACTION  
THORNLEY

1. The continuing need for a permanent CROSS TALK editor was again noted. While President Thornley graciously volunteered to assume this task next year (since he is a lame duck Prez.), but that doesn't do a thing for the current problem. Further appeals will be made.

ACTION  
HEYDON

2. The open action of a letter to Chadwick School was discussed. The secretary was instructed to request permission for use of the site again next year.
3. After discussion of the benefits to the Club and the effort involved, it was voted to drop further consideration of consolidating ARRL and Club memberships. ARRL members will handle their league renewals on an individual basis.
4. Note was made of an incorrect listing of the call of John Underhill, who was a Field Day guest. His correct call is W6HRE.
5. Minutes of the previous meeting were corrected to show Carl Rothrock in attendance.

NEW BUSINESS:

ACTION  
DEWS

1. It was voted to have the Club pay for all outgoing DX QSL's from WB6WPO, in addition to the current practice of keeping envelopes on file at the bureau.
2. The need for a WB6WPO shack work party was noted.
3. Further discussion of possible tie-ins with TRW emergency activity were tabled.

SECRETARY'S REPORT (Continued)

ACTION                      4. The need for a Training Manager was noted. An appeal will be  
THORNLEY                      made in CROSS TALK.

The meeting was adjourned at 1255.

Respectfully submitted,

*Doug*

Doug Heydon, WB6WDS, Secretary

TREASURER'S REPORT

By F. X. Halligan, WB6GBC

Balance on hand June 30, 1971 . . . . . \$89.97

Receipts

Dues . . . . .	\$ 4.00	
Dividend (TRW C.U.). . . . .	.15	
		<u>4.15</u>
		\$94.12

Expenses

Field Day Food (Heydon) . . . . .	<u>\$75.00</u>	
		<u>75.00</u>
Balance on hand July 31, 1971. . . . .		\$19.12

THE "NET" REPORT

By F. X. Halligan, WB6GBC

NOTE: The TRW/ARC NET is scheduled every Saturday morning at 1000 PDT, 7.280 MHz. The purpose of the net is to provide an informal meeting frequency for TRW Systems Amateur Radio Club members who wish to exchange signal reports, check-out rigs, obtain updated information on club activities, or just plain chew-the-rag.

7/31/71 - As usual, the writer, WB6WPO, was manning WB6WPO, a little late getting on, but was able to work Nelson, W6VBB, in Garden Grove and Al, W6KQI, in San Pedro. Band conditions were lousy, as Nelson would say, and so the Saturday morning ragchew session soon collapsed in the QRN and QSB. All was not lost, however, as Nelson and WB6WPO did QSY to 2 Meters and demonstrated that Nelson's new 20 element Cushcraft colinear was putting in an FB signal to the club station. WB6GBC closed the morning out on 2 Meters hoping for the day the club will have more "beam power" on 2 Meters.

THE "NET" REPORT (Continued)

8/7/71 - The NET convened on 7.283 MHz at 10 A.M., with Al, W6KQI, Cec, WB6KHF, and Mac, W6YCZ, joining with WB6WPO. Band conditions were more stable on 40 Meters. We all missed Nelson, W6VBB, our old standby for the TRW/ARC NET, who has gone vacationing for three weeks up north. Mac McGrew showed up on frequency in his birthday suit, but fortunately (?) no one had ATV to witness the occasion visually. We had a NET first with Sue McGrew being the first XYL on frequency; she was celebrating her birthday and receiving congrats from all participants, including Al's XYL, Jan Lee. Sue kept us all in suspense (as usual) over the present her OM had bought - she said it sounded and felt like it might be a coffee pot (for the bad guessers on freq that morning, it turned out to be a cassette tape recorder, which will come in handy with her other present, a tape recorded course on the Spanish language...."Buena Suerte, Susanna!")

This session was very interesting with Al, W6KQI, and WB6WPO temporarily QSY'ing to 145.35 MHz. Al was using a ground plane antenna and his Heath HW-17 was putting in a strong signal from San Pedro. Mac, W6YCZ, reported excellent reception at his QTH using a converted handheld aircraft VHF receiver to operate in crossband mode with W6KQI and WB6WPO.

Cec, WB6KHF, reported that their section (Aerospace) had recently orbited a satellite and all systems on board were functioning as planned. He indicated a possibility of some TDY in his future to Alaska in support of the satellite project. One fascinating bit of news he mentioned was the proposed installation in Alaska of a vertical 10,000 foot antenna anchored on the ground to a 200 KW transmitter with the other end supported by an airplane continually flying a small circle. Ah, the perfect radio amateur setup (but just a little illegal in the ham bands!). The morning session ended about 1115 with WB6WPO tying the ribbons.

CUL FX

NEWS AND NOTES

CROSS TALK EDITOR NEEDED!

Doug Heydon, WB6WDS, our Club Secretary and CROSS TALK Editor Protempore, is threatening to commit mayhem to the entire Executive Committee if we don't relieve him of the Editor's job! (Just between us girls, it's probably Doug's Secretary who wants out!)

Anyway, one more desperate appeal for a bulletin editor! Who amongst our stalwart group will step forward and volunteer his services? The hours are short, the pay is guaranteed to keep you out of the next tax bracket, and besides, it's fun. So give me a call at 52621 right now!

MORE ON "HAM ON THE AIR"

Ray Meyer's column in the July 24th edition carried a nice write-up on our member Larry Weaver, K6LTY. Hope you got to read it as it filled us in on Larry's many

NEWS AND NOTES (Continued)

activities and personal history. And thanks to you, Ray for that nice issue and mention of our Club and its activities.

TRAINING MANAGER

One function our Club has sadly neglected is a training program for potential amateurs and advancement of lower grades. The Club has had numerous requests for such a service and we have access to a wealth of training material through ARRL and other sources.

But we need a spark plug to get something going! Here's another need for a volunteer, one that would pitch in and organize our facilities and personnel into a real service for neophyte and older amateur both. We have the talent and all it takes is that key man to tie it together. So what say, who's the man? Give me a call!

NEWS FROM THE "OUTSIDE"

The following is a note received from Jerry Starkey, WA6LIJ. Anyone interested in his info - maybe we can order a few.

24 July 71

Dear Ed,

Just received 16 page, FREE brochure entitled "Giving Two-Way Radio Its Voice", from Champion Spark Plug Co., Technical Services Dept., P.O. Box 910, Toledo, Ohio, Zip Code 43601. It covers mobile noise suppression fundamentals, preliminary procedures to insure quiet operation, locating the source of interference, interference suppression techniques, marine radio suppression and shielded ignition.

73's

Jerry Starkey, WA6LIJ

AMSAT/OSCAR TEST FLIGHT

On the following two pages you will find a reprint of a notice from Nash Williams, W6HCD, concerning the airborne flight test of AMSAT/OSCAR-6. We'll have more details at the August 25th meeting. Looks like a couple of interesting Saturday's coming up in September.

73's

ED

 Amateur Radio Club/W6VIO  
4800 Oak Grove Dr.  
Pasadena, Ca. 91103

9 August 1971

TO: Interested Radio Amateurs  
FROM: Nash Williams/W6HCD  
SUBJECT: AMSAT/OSCAR West Coast Test Flight AA-2

1. The flight date has been selected as Saturday, September 25, 1971. A preliminary, all-up, full dress rehearsal is scheduled for Saturday, September 11, 1971.
2. The flight routes are tentatively as follows:  

9/11/71: Van Nuys to Santa Barbara and return  
9/25/71: Van Nuys to San Diego to San Francisco and return
3. No selection has yet been made of the frequency band and the type of modulation for the aircraft to ground link to be used by the Flight Status Net. The choice is between 2 meter FM, 6 meter AM, and 10 meter SSB. The selection will be announced over the test flight coordination net which meets nightly at 3860 kc at 8:15 p.m. PDT. The NCS is W6ZGC ("Micky") who is also organizing the Flight Status Net and is actively seeking the support of interested amateurs for the 9/11/71 and 9/25/71 flights.
4. Attached are 5 preliminary documents which are issued at this time to advise you of the progress of the Flight Test Committee:
  - (a) Composition of the Flight Test Committee
  - (b) The initial members of the Flight Status Net
  - (c) The Staff of Consultants to the committee
  - (d) An air operations schedule
  - (e) A ground operations schedule
  - (f) Extracts from various journals describing flight AA-1.



Employees' Recreation Club, Inc.

"Better Employees Through Recreation."

NASH WILLIAMS' NOTICE (Continued)

-2- .

9 August 1971

Documents (a) thru (e) undoubtedly contain errors and omissions. Please let me know via the 3860 kc net what corrections and additions are needed.

5. Operation of the airborne transponder is intended to duplicate the performance described in various amateur radio journals for the East Coast Flight AA-1. If there are any differences, they will be made known via the 3860 kc net and subsequent releases by the Committee.
6. Decisions regarding contest rules and handling of QSL cards have not been made at this time. As information becomes available, it will be announced by W6ZGC on 3860 kc.
7. For further information, contact the appropriate committee member as given on the attached list. 73 and bear with us.

*ANW*  
ANW:ms  
Att.